

Amendments to the Drawings:

The attached 8 sheets of drawings include changes to Figs. 1 through 13. The drawings themselves have not been changed. The amended drawings are of improved quality and with the views being labeled separately and properly. In some instances, the labelling of the views separately necessitated an increase in the number of labeled subdivisions per figure.

Sheet 1, which includes Fig.1, replaces the sheet that includes Fig.1.

Sheets 2-4, which includes Figs. 2a-2f replaces the sheet that includes Figs. 2a through 2d.

Sheets 5-6, which includes Figs. 3a-3e, replaces the sheet that includes Figs. 3a-3c.

Sheets 7-8, which includes Figs. 4a-4d, replaces the sheet that includes Figs. 4a-4d.

Sheet 9, which includes Figs. 5a-5e, replaces the sheet that includes Figs. 5a-5d.

Sheets 10-11, which includes Figs. 6a-6f, replaces the sheets that includes Figs. 6a-6e.

Sheet 12, which includes Figs. 7a-7d, replaces the sheet that includes Figs. 7a-7c.

Sheet 13, which includes Figs. 8a-8c replaces the sheet that includes Figs. 8a-8c.

Sheet 14, which includes Figs. 9a-9d replaces the sheet that includes Figs. 9a-9d

Sheet 15, which includes Figs. 10a-10b replaces the sheet that includes Figs. 10a-10b.

Sheets 16-17, which includes Figs. 11a-11g replaces the sheet that includes Figs. 11a-11c.

Sheet 18, which includes Figs. 12a-12d replaces the sheet that includes Figs. 12a-12d.

Sheet 19, which includes Figs. 13a-13c replaces the sheet that includes Figs. 13a-13b.

Attachment: 19 replacement sheet(s).

**REMARKS**

Applicant appreciates consideration of this 1.312 amendment.

Claim 33 is allowed.

The instantly attached new drawings contain no new matter, and are being filed for the express purpose of satisfying the draftsperson's requirement to properly and separately label the views of Figures 2-13, and to improve the quality of the figures.

The instant amendment to the specification contains no new matter, and is presented to satisfy the draftsperson's requirement to properly and separately label the views of Figures 2-13. Accordingly, the instant amendments to the Brief Description of the Drawings section of the specification concern Figures 2-13 and correlate to only the newly assigned labeling of the views. In some instances, the proper labeling of the views separately necessitated an increase in the number of labeled views per figure.

The description of Figure 1 was amended to include SEQ ID NOs tags for the sequences presented in Figure 1, and includes no new matter. These sequences and associated SEQ ID NO: tags are disclosed in the sequence listing which is already in the instant application.

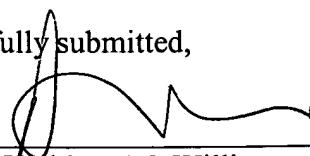
Marked up copies of these drawings are attached.

Applicants respectfully request entry of the amendment and remarks.

Date:

1/14/05

Respectfully submitted,



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Boston, MA 02199-7613  
Tel: 617-239-0100

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Human PEBP  
Murine PEBP  
Drosophila  
C.Elegans  
Antirrhinum-CEN  
Aradopsis-TFL1  
Yeast

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MAADISQWAGPLCI QEVQ-EPPQHALRVYAGV-TVDELGKVITPTQVKRFSISWDG-LDPG  
MSDSTIVCFSKHKIV PDILKTCPATLTVTYGGQVWDVG EITPTOVOSQFV-VKMDA-DPN  
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LDFFTPPTKMNVSINKK---QVSNCHEI PSSVSSKEKRVETHGDLR-  
MNQALDFQASIDSYKKHGLEEDVTH DTSFQPSGLAVELYSS APVAMONTIPTEKARSKEFOFOFTIKOM-

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Murine PEBP  
Drosophila  
C.Elegans  
Antirrhinum-CEN  
Aradopsis-TFL1  
Yeast

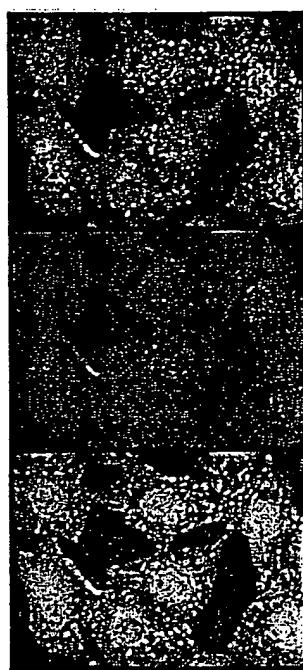
[  
 ↓      ↓  
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 SFFFLYVMDPDPVPGPSDPLVRLHNTVDPG [ ] TDAIPKEVVSLPRLP-IGHHMVILFKOKR  
 Yeast QKSUTQANAVVPQDDLFV [ ] VADPDKASKTDKWSEFCHECDKLNEATHETSGATEPPASEFTNGSNLIEH GPAEKGSOPPKGTGHVWVLYSDR  
 PLKCDEP-IIISNRSGDHERGKETVASFPTKKYELPAPVGT CYOAEDWDYKPKTKEOISCK  
 PLSCDGP-IIISNKSGDNGKETVETRKKYELPAPVGT CYOKEWDYKPKTKEOISCK  
 Murine PEBP KLTCTNP-KIPTSKDQPVNTTSKFSKCLQDPAQIN FFOQWDDYKPKTKEOISCK  
 Drosophila RIEDAKBGRINTSODKGWAKADFAKTLVQVGN LVOEYDDYKPKTKEOISCK  
 C.Elegans GOAMLSPP-VVCRDGFTRKFKQENLQGP [ ] FNCQRETAARR  
 Antirrhinum-CEN RVIFPN-IPSIDPHNTKKA VEVDIGPVA AVVPAQORETAARR  
 Aradopsis-TFL1  
 Yeast GVDSSKFSSKIKDRPNNNGXGPPVIGV GKWAKENNLOQIVASNFYAEIK

Fig. 1

Figure 2

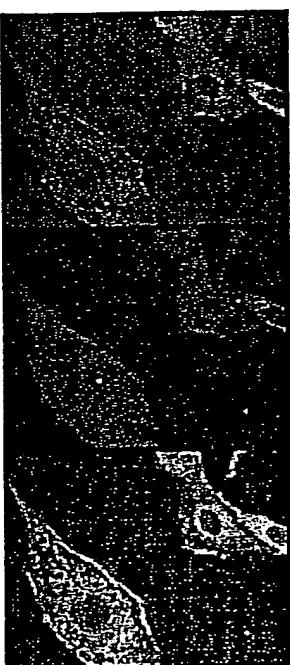
Fig. 2f

anti-RKIP anti-Raf merged



quiescent

anti-RKIP anti-Raf merged



+ v-Ras

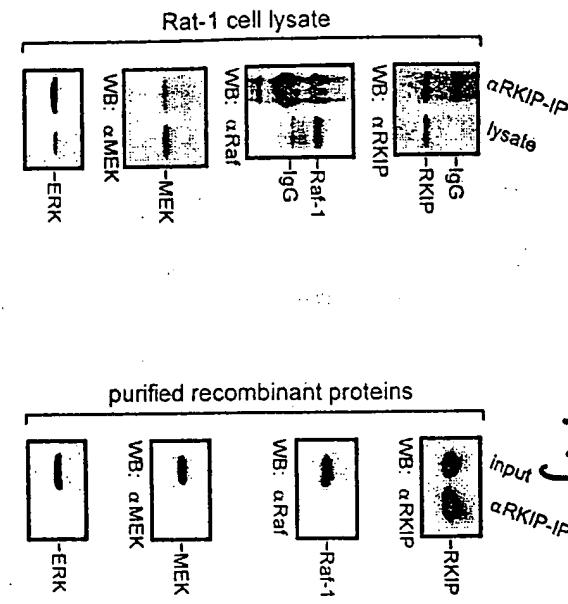


Fig. 2b b)



Fig. 2c

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Figure 3

Fig. 3a

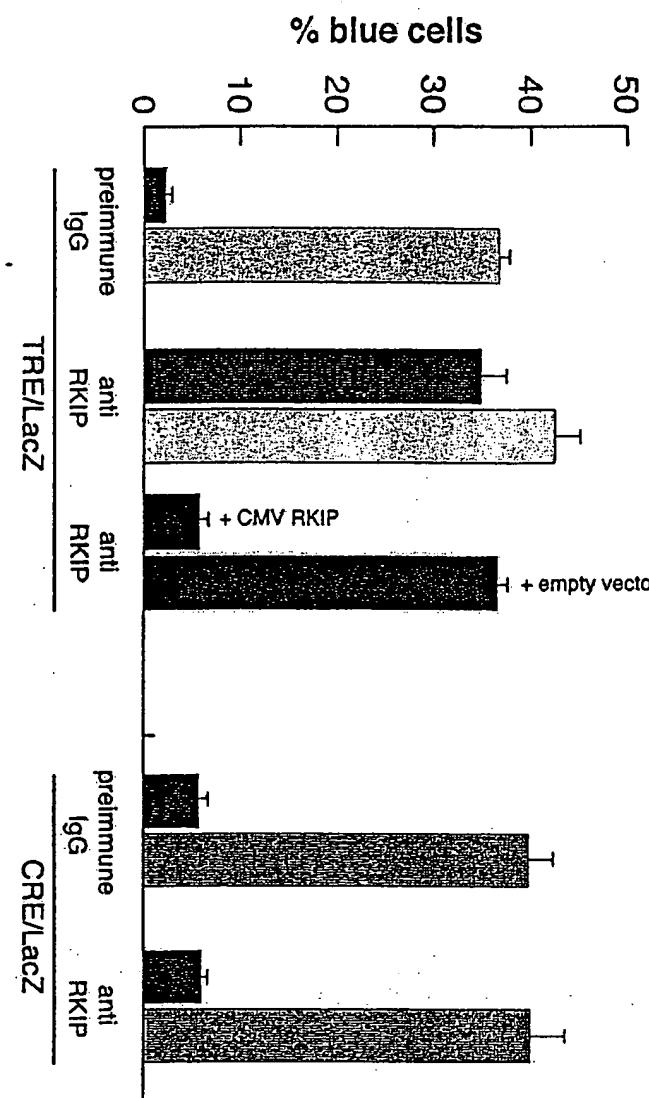


Fig. 3b



Fig. 3c

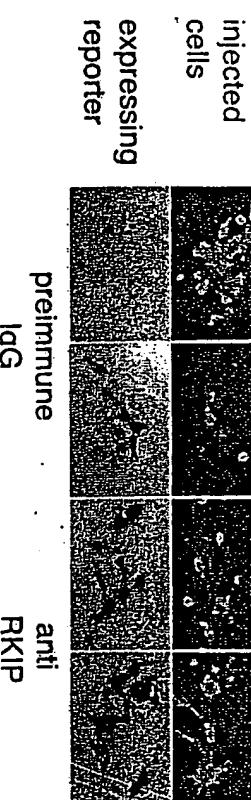
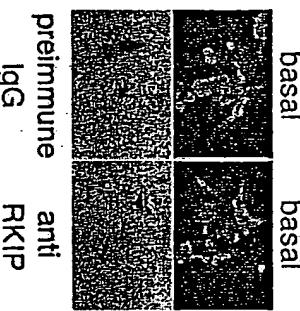
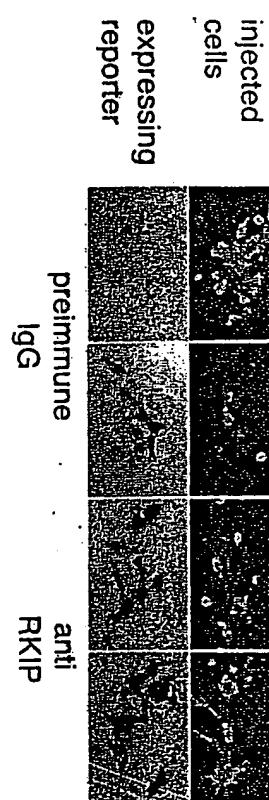
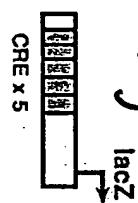


Fig. 3d

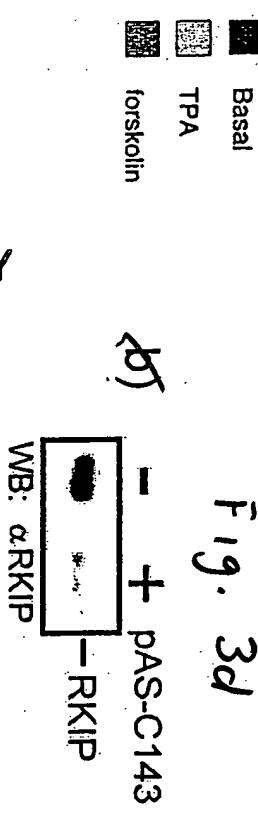
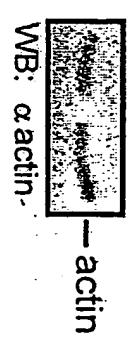


Fig. 3e



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Figure 4

Fig. 4 a

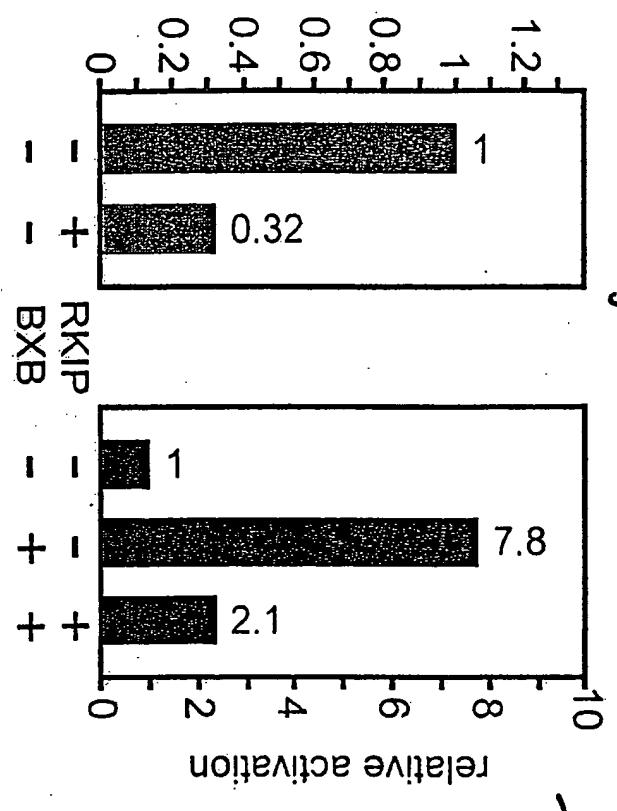


Fig. 4 b

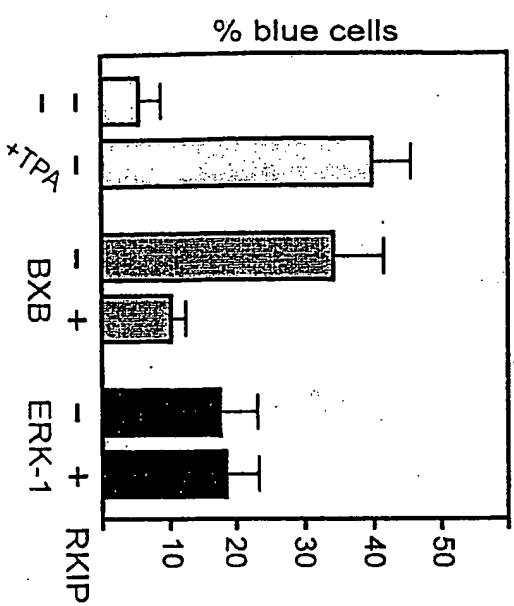
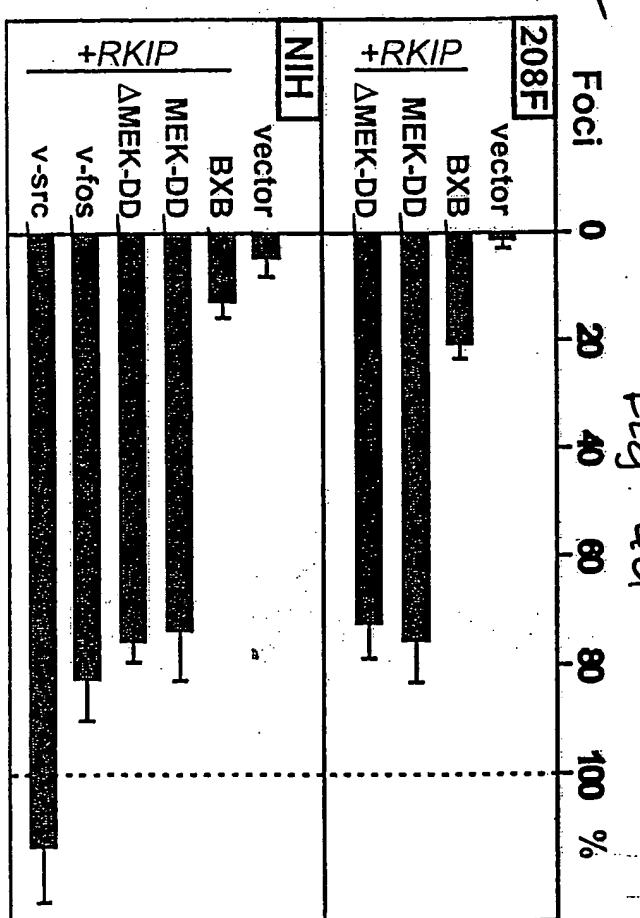
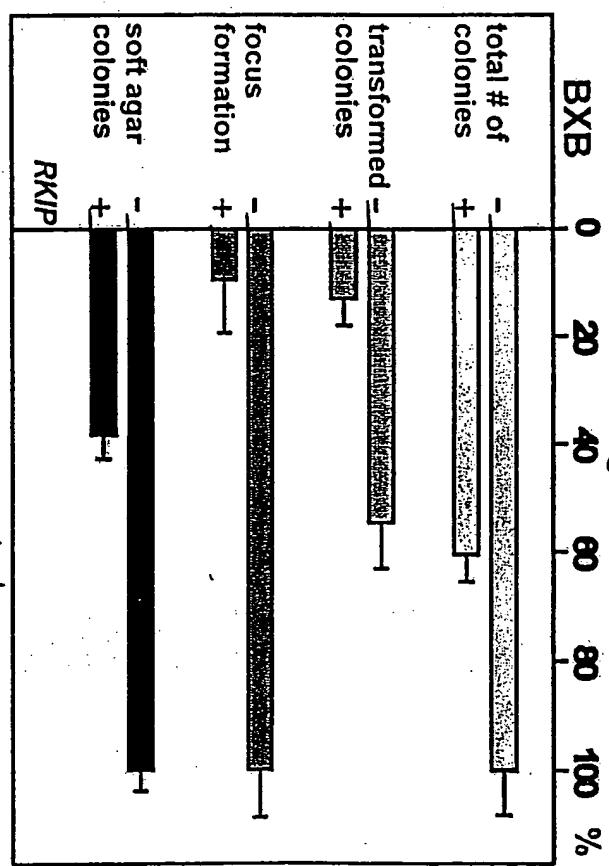


Fig. 4 c



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Figure 5

Fig. 5b

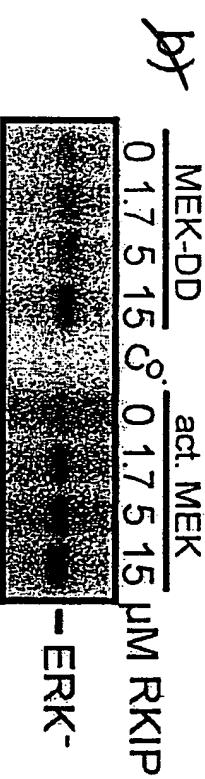
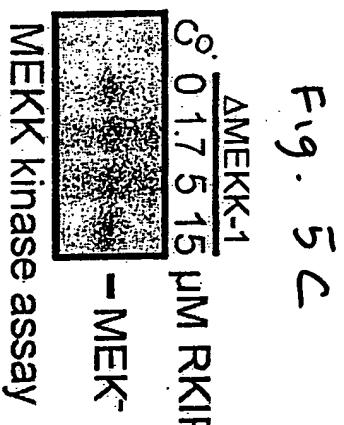
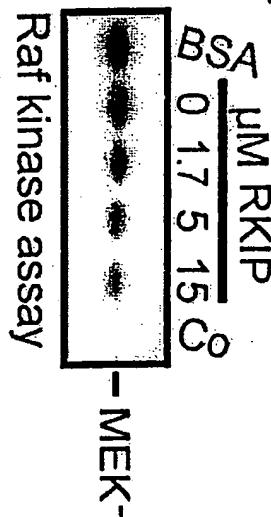


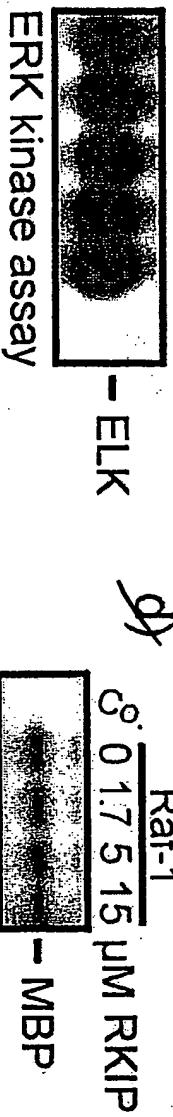
Fig. 5a



MEKK kinase assay

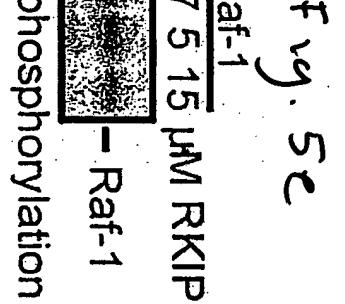
Raf kinase assay

Fig. 5d



ERK kinase assay

MBP phosphorylation

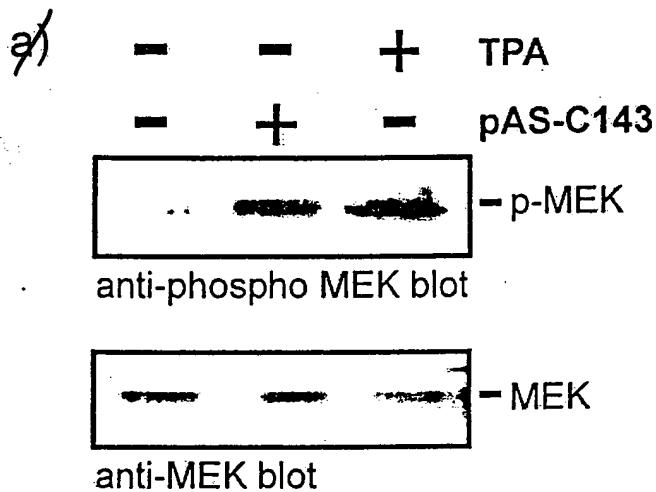


autophosphorylation

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Figure 6 a + b

Fig. 6 a



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Fig. 6 b

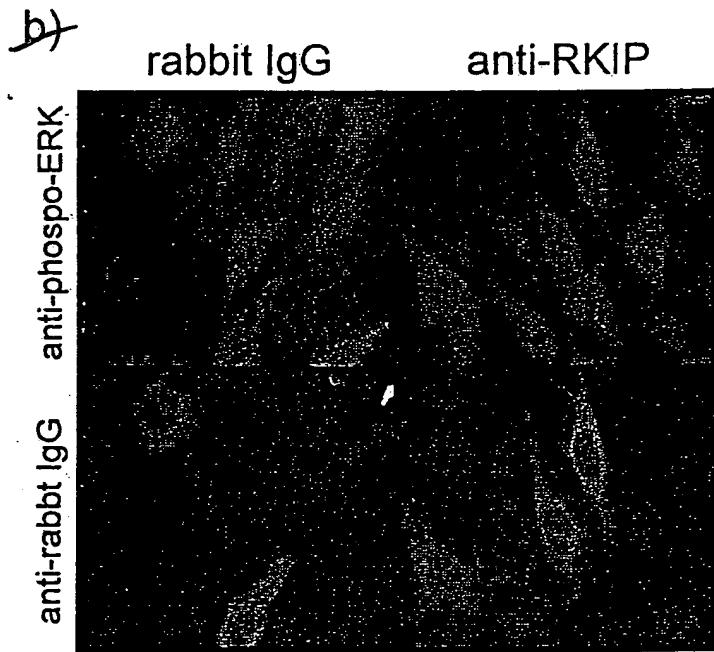


Fig. 6 c

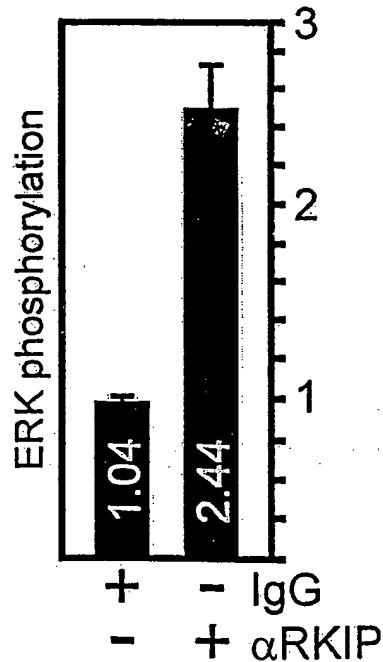
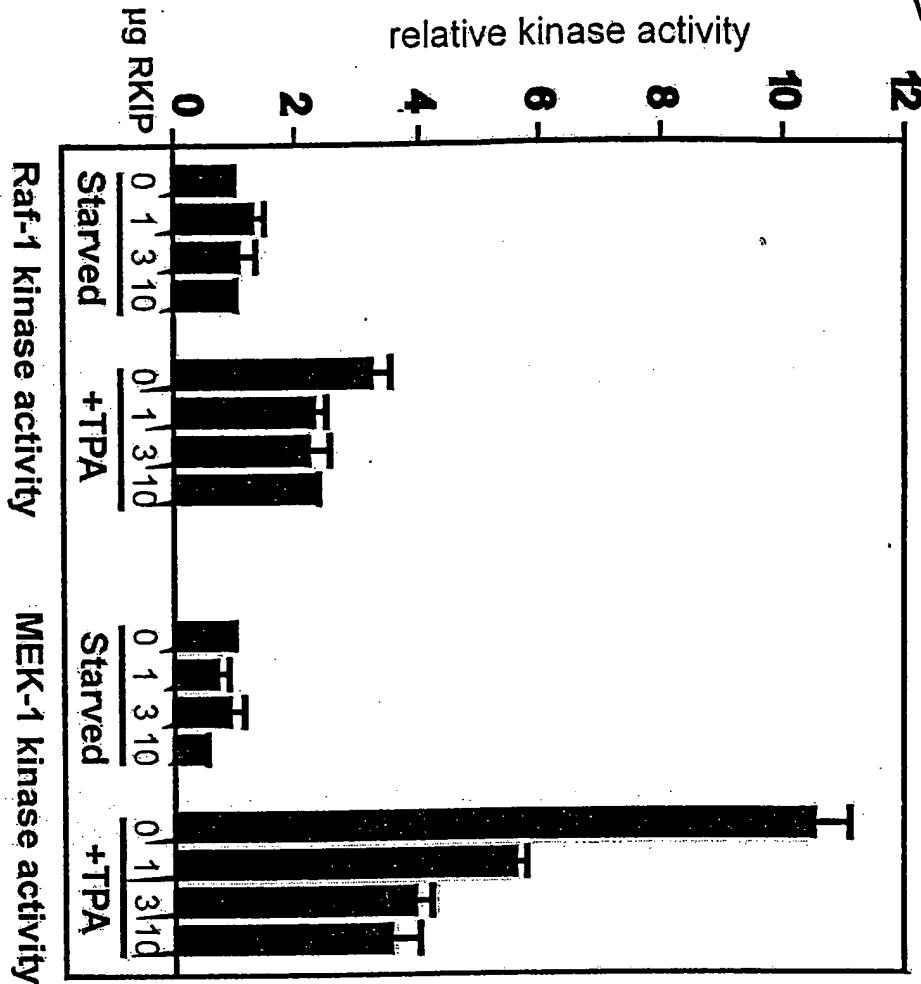


Fig. 6d



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Fig. 6c

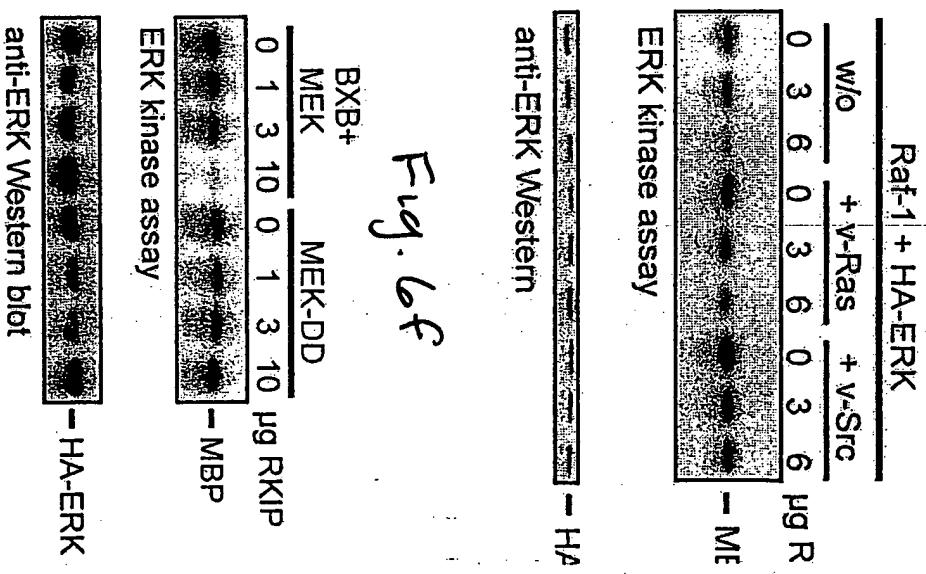
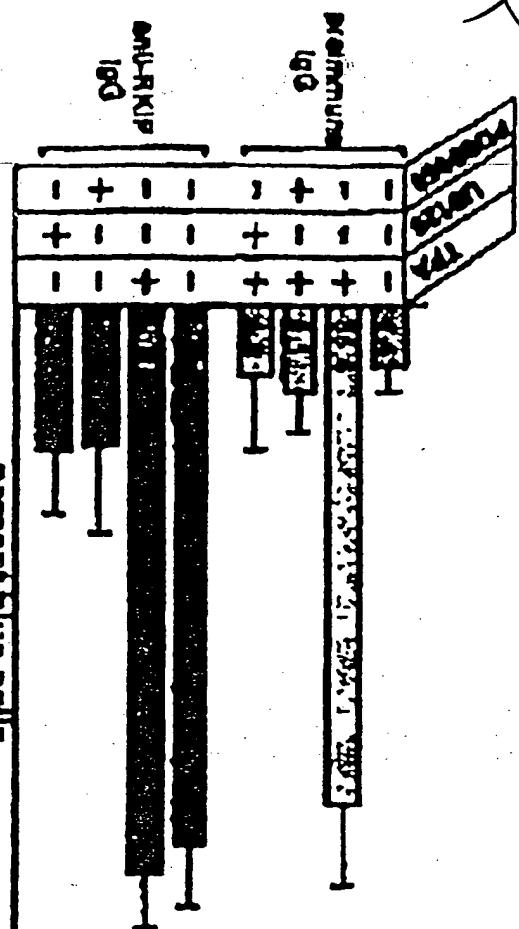


Fig. 6f

Fig. 7g



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Fig. 7d

**P**  
- + - +  
RKIP

किंवद्दनं

GST-  
RKP GST  
P I P I

Fig. 7c

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Figure 8

Fig. 8a

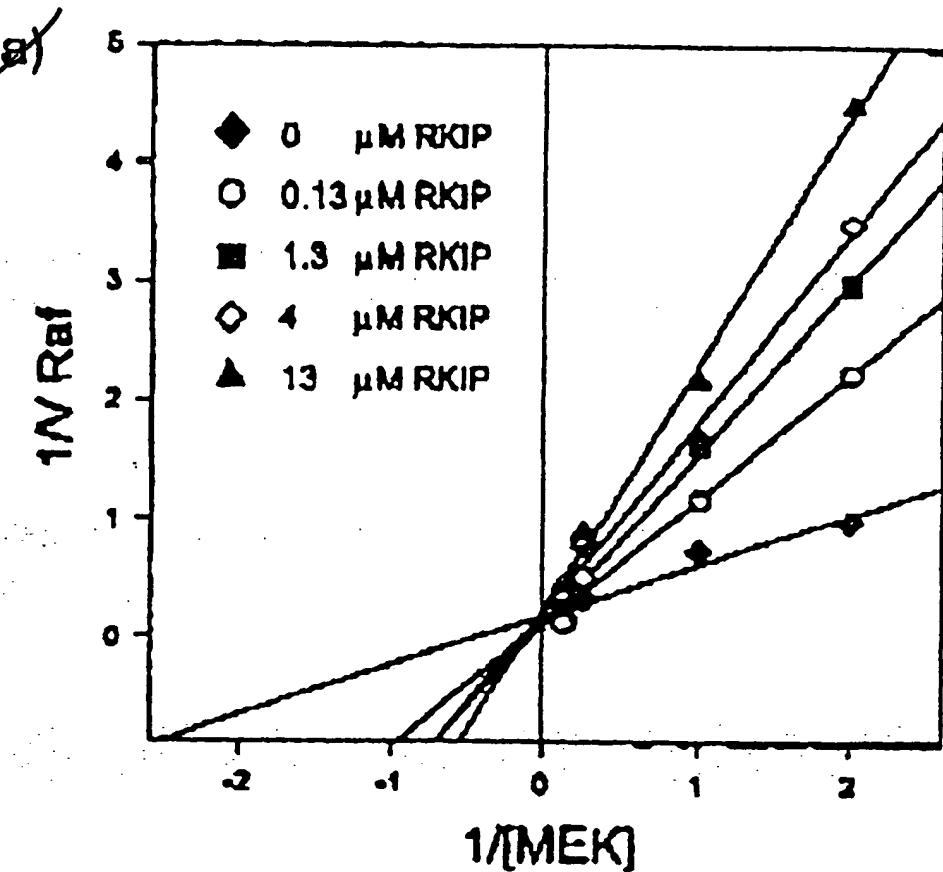


Fig. 8b

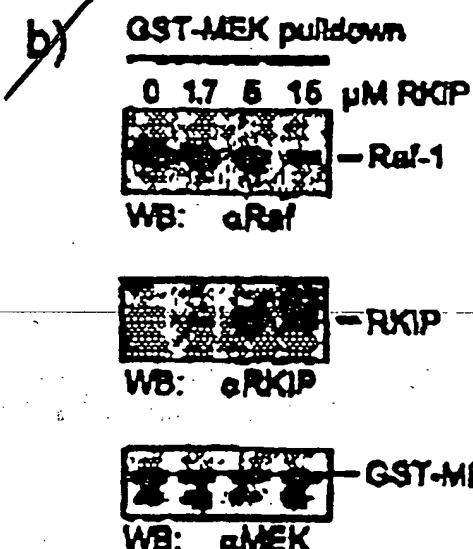
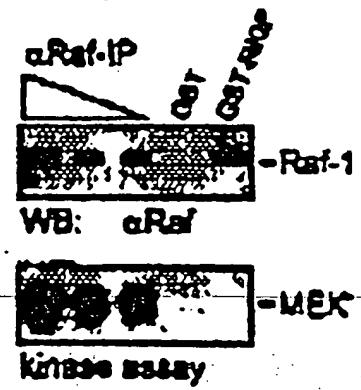


Fig 8 c



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Figure

Fig. 9a

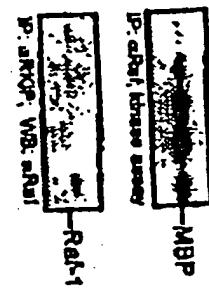
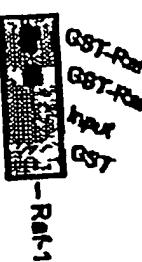
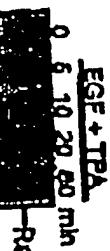


Fig. 9c

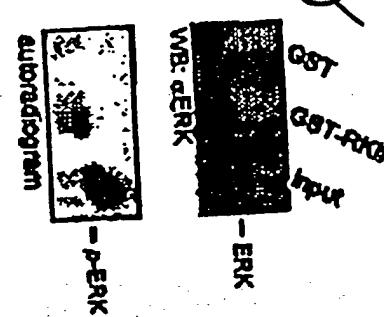
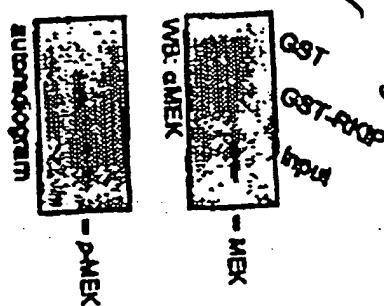


Fig. 9d

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Figure 10

Fig. 10a

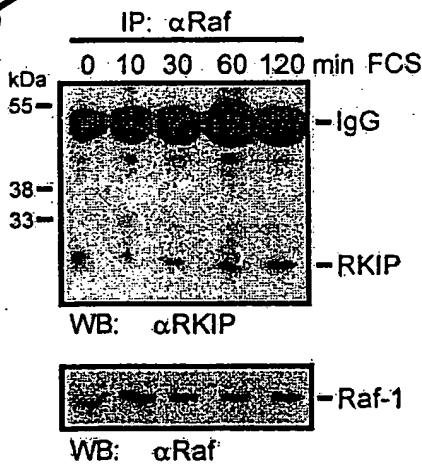
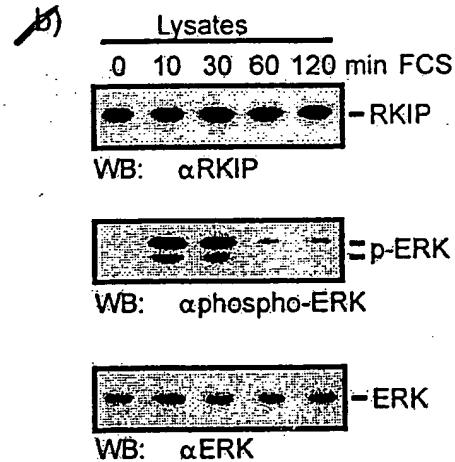


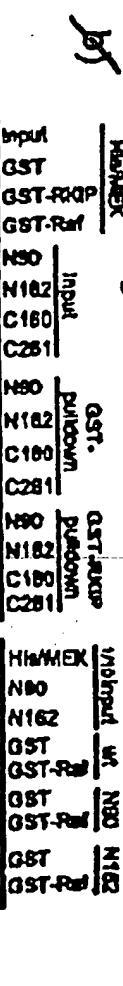
Fig. 10b



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*Figure 11*

*Fig. 11d*



b) beads: GST — GST-MEK

b) beads: GST-RKIP

Fig. 12a

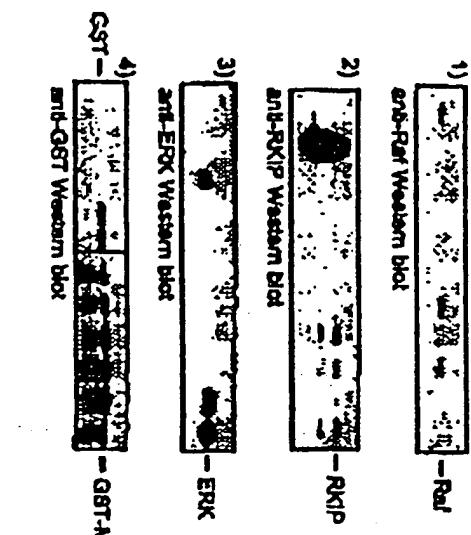
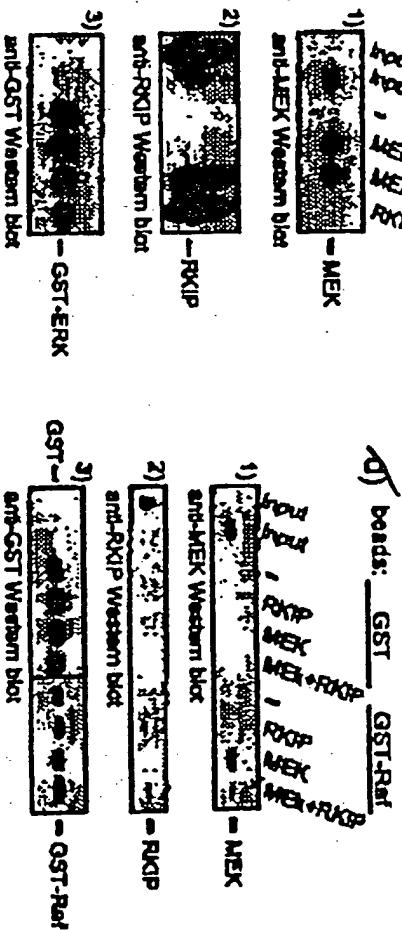


Fig. 12b

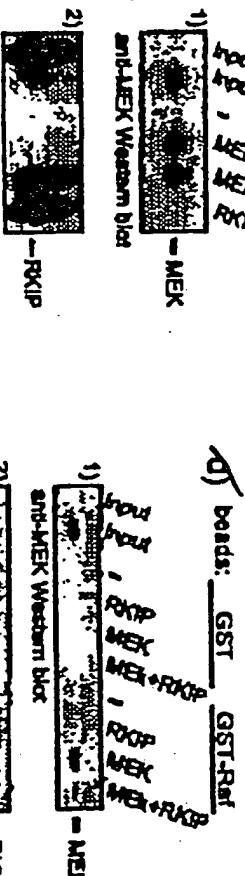


Fig. 12c



b) beads: GST-MEK

Fig. 12d



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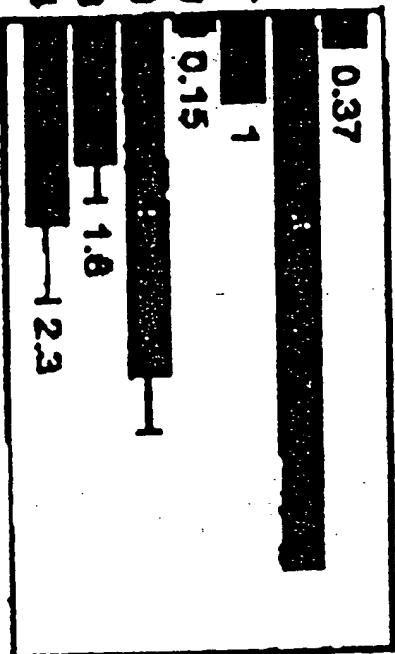
Figure 12

Figure 13

Fig. 13a

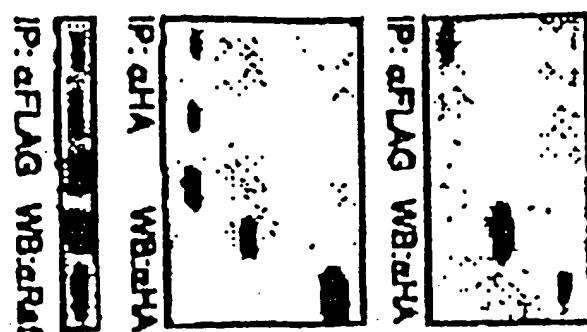
b)

8X8 AP-Luc control  
Raf1IP



	Binding of Raf MEK		
	+	+	-
WT	1		
N80	0.15		
C80	1.6		
C134	12.3		

Fig. 13b



Raf1 binding

	Sall	Pp4MI	BspEI	RKP	N80	N83	C134	C80
MEK	+	+	+	+	+	-	-	-
Raf	+	+	+	+	+	+	+	+

Fig. 13c

Luc activity

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